

Patent Claims

1. Device (1) for dividing a stream of particulate or pulverulent material into at least two substreams, said device comprising a housing (2) with a substantially vertical inlet duct (3) and two or more outlet ducts (4, 5, 6, 7) emanating from separate openings, and being separated by means of partition walls (9) extending radially relative to the centreline of the inlet duct (3), and a rotor 11 which is located in immediate extension of the inlet duct (3), with its axis of rotation coinciding with the centreline (10) of the inlet duct, said rotor (11) having a radially configured surface (11a) for directing the falling material stream radially outwards into the free space (12) above the outlet ducts, **characterized in** that the radial partition walls (9) can be adjusted in the circumferential direction.
2. Device (1) according to claim 1, **characterized in** that the partition walls (9) are made up of plates, with each plate pivotally mounted around its separate radial axis (14).
3. Device (1) according to claim 2, **characterized in** that each of the plates (9) is pivotally mounted at its lower side edge (14) so that each plate (9) is pointing upwards into the free space (12) above the outlet ducts and being displaceable in the transverse direction by angular turning of the plate.
4. Device (1) according to claim 2, **characterized in** that the free end edge or knife edge (9a) of each of the plates is configured so that it virtually proceeds through the point (16) where the axes (14) of rotation of the plates (9) intersect the axis (10) of rotation of the rotor.